

ABSTRACT FOR JP 62-501706

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Stable aerosol formulation of beclomethasone dipropionate - is prepd. from solvate with 1-5C alcohol reduced in particle size

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Patent Family (13 patents, 19 countries)							
Patent Number	Kind	Date	Application Number	Kind	Date	Update	Type
WO 1986003750	A	19860703	WO 1985GB588	A	19851216	198628	B
AU 198653087	A	19860722				198639	E
EP 205530	A	19861230	EP 1986900210	A	19851216	198652	E
NO 198603321	A	19861117				198701	E
ES 198702136	A	19870316	ES 1985550076	A	19851218	198716	E
ZA 198509631	A	19870414	ZA 19859631	A	19851217	198726	E
DK 198603917	A	19860818				198733	E
JP 62501706	W	19870709	JP 1986500413	A	19851216	198733	E
EP 205530	B	19890222	EP 1985900210	A	19851216	198908	E
US 4810488	A	19890307	US 1986902411	A	19860818	198912	E
DE 3568334	G	19890330				198914	E
CA 1253806	A	19890509				198923	E
JP 1995014880	B2	19950222	WO 1985GB588	A	19851216	199512	E
			JP 1986500413	A	19851216		

Alerting Abstract: WO A

Prepn. of a stable aerosol formulation of beclomethasone dipropionate (I) comprises contacting (I) with a 1-5C alcohol to form a crystalline solvate, which material has particle size reduced to less than 10 microns, and then dispersing in a compsn. contg. chlorofluorocarbon propellants.

Aerosol formulation of (I), opt. in the presence of a dispersing agent, suspended in an aerosol propellant, in which (I) is in the form of a crystalline solvate with a 1-5C alcohol, is also claimed.

USE/ADVANTAGE - The article size of (I) is such as to permit inhalation into the human bronchial system. The formulation exhibits a better thermal stability than compsns. employing solvates with ethyl acetate. The stabilisation is simple and effective. (I) is an antiinflammatory agent.

Equivalent Alerting Abstract:

US A

New method for prepn. stable aerosol formulation of beclomethasone dipropionate comprises contacting it with 1-5C alcohol to form crystalline solvate which is ground to particle size below 10 microns, pref. 2-5 microns then dispersed in compsn. contg. chlorofluorocarbon propellants. Pref. alcohols are monohydric alkanols or alkenols, esp. isopropyl alcohol.

ADVANTAGE - Stable small crystals of steroid are prod. which can almost entirely be taken up by bronchial system, without growth of large aerosol complex crystals.